



WATER MANAGEMENT MONTHLY REPORT

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RESERVOIR OPERATION AND SYSTEM STATUS FOR SEPTEMBER 2001

HIGHLIGHTS – Cairo stage began the month at 16.5 feet and ended at 15.3 feet and was fluctuating near normal. Normal stage for September is 16 feet.

WEATHER –The weather during September was cool and generally dry. Temperatures averaged 1-3 degrees below normal for the month as the polar front makes its migration to the south. Precipitation was well below normal across the middle and southeastern areas of the basin. Driest areas were western Tennessee, eastern Kentucky, southern Ohio and much of West Virginia. Indiana, Illinois and northern Ohio had normal to above normal rainfall for the month.

TEMPERATURE AND PRECIPITATION – SEPTEMBER 2001

	TEMPERATURE		PRECIPITATION	
STATION	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	62.1	-1.8	2.23	-0.74
Charleston, WV	64.6	-3.1	1.85	-1.39
Columbus, OH	64.4	-1.1	1.60	-1.36
Cincinnati, OH	64.6	-2.7	3.13	+0.25
Louisville, KY	68.8	-0.7	4.08	+0.92
Indianapolis, IN	65.1	-1.5	4.66	+1.79
Evansville, IN	67.2	-1.9	2.42	-0.55
Nashville, TN	70.2	-1.6	1.79	-1.67

STREAMFLOW -- Ohio River monthly average flows for September ranged from a low of 78 percent of normal at Evansville, IN to a high of 114 percent of normal at Paducah, KY. Daily flows ranged from a low of 28 percent of normal at Evansville, IN to a high of 269 percent of normal at Louisville, KY.

The following table presents the flow data summary for September at the Ohio River Index Stations:

FLOW DATA – SEPTEMBER 2001

STATION	AVERAGE MONTHLY FLOW	PERCENT LONG-TERM NORMAL		
		MONTHLY	DAILY	
			HIGH	LOW
Pittsburgh, PA	8,100	81	138	50
Huntington, WV	22,800	100	232	48
Cincinnati, OH	24,100	84	147	46
Louisville, KY	27,500	94	269	41
Evansville, IN	27,700	78	150	28
Paducah, KY	98,700	114	151	79

RESERVOIRS -- September started with 0.8% utilization of the total system flood control storage and ended the month at 0.9%. System-wide augmentation storage decreased from 87.5% at the beginning of the month to 83.2% by the end of the month. Significant flood storage utilization in excess of 25% did not occur at any project during the month.

The following table depicts storage change by tributary reservoir subsystem for September:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
Allegheny-Monongahela-Beaver	-167,800
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	-133,900
Twelvepole-Big Sandy-Little Sandy-Scioto	-12,400

Little Miami-Licking-Mill Creek-Great Miami	-21,800
Kentucky-Salt-Green-Wabash	-15,000
Cumberland	-724,800
TOTAL	-1,075,700

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